

### **Amendments to the Claims**

**1. (Original)** A method for recycling used heat-resistant and high-performance spun yarn products, characterized in that used heat-resistant and high-performance spun yarn products are washed in advance at request and undergo crushing processes, a crushed material thus obtained is opened to become a cotton-like material, and the cotton-like material is spun for recycling the spun yarn.

**2. (Original)** The method for recycling used heat-resistant and high-performance spun yarn products as claimed in Claim 1, wherein unused discontinuous fiber having a length of 30 to 200 mm is intermixed at a ratio of 10 to 90% of the total prior to or at the time of spinning.

**3. (Currently amended)** The method for recycling used heat-resistant and high-performance spun yarn products as claimed in Claim 1 ~~or 2~~, wherein the heat-resistant and high-performance spun yarn is comprised of one or more types of fiber selected from the group consisting of wholly aromatic polyamide fiber, wholly aromatic polyester fiber and polyparaphenylene benzobisoxazole fiber.

**4. (Currently amended)** The method for recycling used heat-resistant and high-performance spun yarn products as claimed in ~~Claims 1 to 3~~ Claim 1, wherein the used heat-resistant and high-performance spun yarn product is a safeguard wear and a working glove.

**5. (Currently amended)** The method for recycling used heat-resistant and high-performance spun yarn products as claimed in ~~Claims 1 to 4~~ Claim 1, wherein the cotton-like material contains discontinuous fiber having a length of not less than 20 mm by not less than 50% and/or contains discontinuous fiber having a length that corresponds to not less than 40% of a length of a discontinuous fiber of spun yarn employed in the heat-resistant and high-performance spun yarn product.

**6. (Currently amended)** A recycled heat-resistant and high-performance spun yarn that is obtained by the method for recycling used heat-resistant and high-performance spun yarn products as claimed in ~~Claims 1 to 5~~ Claim 1.

**7. (Original)** A recycled heat-resistant and high-performance spun yarn, wherein the spun yarn contains not less than 20% of discontinuous fiber having a length of not less than 20 mm.

**8. (Currently amended)** A fiber product containing the recycled heat-resistant and high-performance spun yarn as claimed in Claim 6 ~~or 7~~.

**9. (Original)** The fiber product as claimed in Claim 8, wherein the product is a braid, a textile, knittings, a rope, a cord, a packing material, a safeguard wear or a working glove.

**10. (Currently amended)** The fiber product as claimed in Claim 8 ~~or 9~~, wherein it is indicated on the product that it contains recycled heat-resistant and high-performance spun yarn.

**11. (Original)** The fiber product as claimed in Claim 10, wherein a number of recycling times of the recycled heat-resistant and high-performance spun yarn is further indicated.

**12. (New)** The method for recycling used heat-resistant and high-performance spun yarn products as claimed in Claim 2, wherein the heat-resistant and high-performance spun yarn is comprised of one or more types of fiber selected from the group consisting of wholly aromatic polyamide fiber, wholly aromatic polyester fiber and polyparaphenylene benzobisoxazole fiber.

**13. (New)** The method for recycling used heat-resistant and high-performance spun yarn products as claimed in Claim 2, wherein the used heat-resistant and high-performance spun

yarn product is a safeguard wear and a working glove.

**14. (New)** The method for recycling used heat-resistant and high-performance spun yarn products as claimed in Claim 2, wherein the cotton-like material contains discontinuous fiber having a length of not less than 20 mm by not less than 50% and/or contains discontinuous fiber having a length that corresponds to not less than 40% of a length of a discontinuous fiber of spun yarn employed in the heat-resistant and high-performance spun yarn product.

**15. (New)** A recycled heat-resistant and high-performance spun yarn that is obtained by the method for recycling used heat-resistant and high-performance spun yarn products as claimed in Claim 2.

**16. (New)** A fiber product containing the recycled heat-resistant and high-performance spun yarn as claimed in Claim 7.

**17. (New)** The fiber product as claimed in Claim 16, wherein the product is a braid, a textile, knittings, a rope, a cord, a packing material, a safeguard wear or a working glove.

**18. (New)** The fiber product as claimed in Claim 17, wherein it is indicated on the product that it contains recycled heat-resistant and high-performance spun yarn.

**19. (New)** The fiber product as claimed in Claim 18, wherein a number of recycling times of the recycled heat-resistant and high-performance spun yarn is further indicated.